VWP INSPECTION CHECKLIST					
Project Name	VWP Permit # Inspection Date				
Region 2000 Regional Landfill -Livestock Rd Facility	14-1361	6/18/2019			
Inspector Name	Phone # & Email Address				
Shawn Crist	434-316-4031- shawn.crist@deq.virginia.gov				
Address or lat/long (if no permit no.)	Others Present During Inspection				
37.279167/-79.149167	Jay Roberts-DEQ, Robert Arthur-Region 2000, William Salomone- DAA, Clarke Gibson-Region 2000				
Project Phase:	Reason for Inspection:				
□Pre-Construction	Compliance – Construction / Impacts				
□Ongoing Construction					
⊠Final Stabilization	□Compensation				
□Complete	Enforcement Follow-Up				
□ Other					

	In Compliance?			?	
PERMIT / REGULATORY REQUIREMENT	Yes	No	Not Applicable	Not Assessed	Location, Description and Other Notes
Surface water impacts are limited to the size and locations specified by the permit. No sedimentation impacts and no impacts to upland preservation areas have occurred.					Approx. 2.5 inches of rain caused the landfill cap to slide off of the geotextile layer and sediment impacted the adjoining wetland area.
Within 50 feet of authorized activities, all remaining surface waters and mitigation (preservation) areas that are inside the project area are clearly flagged or marked to prevent unpermitted impacts.	\boxtimes				
Authorized temporary impact areas have been restored to original contours, stabilized, and planted or seeded with original wetland vegetation type within 30 days of completing work in each area.					
E&S controls consistent with the VAESC Handbook are present and maintained in good working order.	\boxtimes				E&S Controls have been repaired.
Exposed slopes/stream banks have been stabilized immediately upon completion of work in each impact area, in accordance with the Virginia ESC Handbook.			\boxtimes		The exposed slopes of the landfill are to be stabilized following clay cap installation.
Heavy equipment is placed on mats/ geotextile fabric when working in temporary wetland impact areas. Equipment and materials removed immediately upon completion of work.			\boxtimes		
Construction activities are not substantially disrupting the movement of aquatic life.			\boxtimes		
New instream pipes and culverts on <5% slope have been installed to maintain low flow conditions and are countersunk at both ends as follows: ≤ 24" diameter: countersunk 3" > 24" diameter: countersunk 6" or more. Any variations were approved in advance by DEQ.					
Time-of-year restrictions are being adhered to.			\boxtimes		
For stream channelization or relocation, work in surface waters is being performed in the dry, with all flows diverted until the new channel is stabilized.					
Water quality monitoring is being conducted during permanent stream relocations.			\boxtimes		

	In Compliance?			e?	
PERMIT / REGULATORY REQUIREMENT	Yes	No	Not Applicable	Not Assessed	Location, Description and Other Notes
Streams and wetlands are free from any sheen or discoloration that may indicate a spill of oil, lubricants, concrete or other pollutants.	\boxtimes				

Inspection Notes

An inspection was performed at the Region 2000 Regional Landfill based on a report from Robert Arthur(Region 2000) and a five day letter prepared by William Salomone(Draper Aden) to observe the jurisdictional area impacts from a release of soil from the ongoing landfill cap construction. Reporting requirements were met adequately.

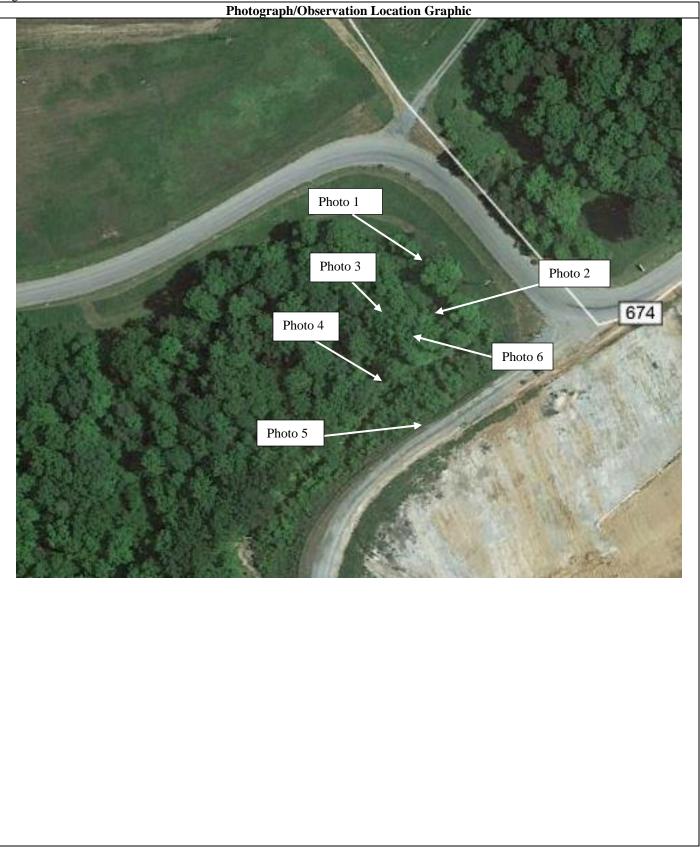
The area of impact was observed following a pre-inspection briefing with Region 2000, Draper Aden, and Campbell County PSA staff. Observations included sediment deposition in the wetland and stream from the slope failure.

Region 2000 Service Authority has repaired the Stormwater Conveyance Channel that protects the impacted wetland from sediment deposition. The conveyance channel and closed landfill cell are in the process of permanent stabilization following the installation of a clay cap on the landfill cell.

Compliance Deliverables						
Compensation Completed	Reporting	On-Site Monthly Inspections Completed	Pre-Construction Photos On-site			
□ Yes □ No	Preconstruction Notice Received: \Box Yes \Box No \Box Not Applicable \boxtimes Not Assessed	⊠ Yes □ No	□ Yes □ No			
 Not Applicable Not Assessed 	□ 1 or Applicable □ 1 or Applicable □ 1 or Applicable □ Not Assessed □ Yes □ Not Applicable □	 Not Applicable Not Assessed 	Not Applicable☑ Not Assessed			

Recommended Corrective Actions

No further corrective action is recommended. Wetland plants remain in the impacted area and the wetland hydrology is unchanged. Wetland soils were present under the 2 to 5 inches of sediment deposited in the impacted area and the hydric soil conditions should re-establish over time. More impact to the wetland may occur through any corrective action requiring excavation and should be avoided.



VWP Inspection Checklist – Permit No.: <u>14-1361</u> Date: 6/18/19 Page 5 of 6

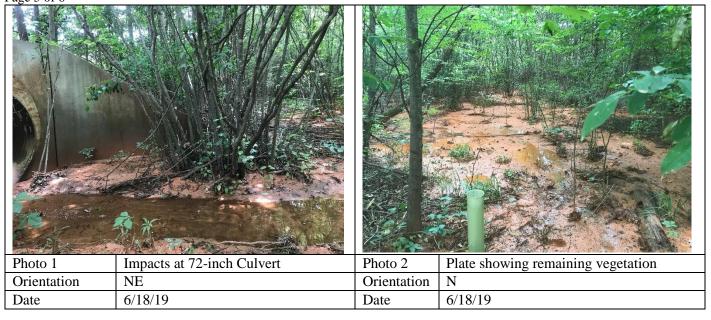


Photo 3	View of the impacted stream	Photo 4	View of slope impacted
Orientation	Ν	Orientation	S
Date	6/18/19	Date	6/18/19

Photo 5	View of impacted slope	Photo 6	Plate showing impacted depth
Orientation	Ν	Orientation	Ν
Date	6/18/18	Date	6/18/19